IAP15 Rec'd PCT/PTO 21 SEP 2006

FORM PTO-1390 (REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 129519

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

		DESIGNATED/ELECTED OF ONCERNING A FILING UN		1075 Big Confiction					
		TIONAL APPLICATION NO. 006/300780	INTERNATIONAL FILING DATE January 13, 2006	PRIORITY DATE CLAIMED January 13, 2005					
		INVENTION DL SYSTEM OF INTERNAL COMB	SUSTION ENGINE						
		NT(S) FOR DO/EO/US HAKARIYA; Takashi TSUNOOKA							
Appli	cant h	nerewith submits to the United State	s Designated/Elected Office (DO/E	EO/US) the following items and other information:					
1.		This is a FIRST submission of item	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.	<u></u>	This is a <b>SECOND</b> or <b>SUBSEQUE</b>	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.						
3.	×		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.		The US has been elected (Article 3	31).						
<b>5</b> .	$\boxtimes$	A copy of the International Applicat	tion as filed (35 U.S.C. 371(c)(2))						
		a. 🛛 is attached hereto (required	d only if not communicated by the Ir	nternational Bureau).					
		b.	the International Bureau.						
		c.  is not required, as the applic	cation was filed in the United States	s Receiving Office (RO/US).					
6.	$\boxtimes$	An English language translation of	the International Application as file	ed (35 U.S.C. 371(c)(2))					
		a. 🛛 is attached hereto.							
•		b.  has been previously submitted	ted under 35 U.S.C. 154(d)(4).						
		c.	n was filed in English.						
7.		Amendments to the claims of the Ir	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
		a.   are attached hereto (require	a.   are attached hereto (required only if not communicated by the International Bureau).						
		b.  have been communicated by	b.  have been communicated by the International Bureau.						
		c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.							
		d.	ill not be made.						
8.		An English language translation of	the amendments to the claims und	der PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items	s 11 t	to 20 below concern document(s)	or information included:						
11.	$\boxtimes$	An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.						
12.	$\boxtimes$	An assignment document for record	ding. A separate cover sheet in co	ompliance with 37 CFR 3.28 and 3.31 is included.					
13.	$\boxtimes$	A preliminary amendment.							
14.	$\boxtimes$	An Application Data Sheet under 3	7 CFR 1.76.						
15.		A substitute specification.		1					
16.	$\boxtimes$	A power of attorney and/or change	of address letter.	1					
17.		A computer-readable form of the se	equence listing in accordance with	PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.					
18.		A second copy of the published into	ernational application under 35 U.S	S.C. 154(d)(4).					
19.		A second copy of the English langu	uage translation of the international	l application under 35 U.S.C. 154(d)(4).					
20.	$\boxtimes$	The International Search Report is	attached to the Information Disclo	sure Statement.					
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U.S. APPLIE TO O (10 Sout) set New S. Pater Application	37 C.F.R. 1.5)	INTERNATIONAL APPLICATION PCT/JP2006/300780							
The fellowing frame		129519	DTO HOE ONLY						
21.   The following fees are		CALCULATIONS	PTO USE ONLY						
BASIC NATIONAL FEE (37 C	FR 1 492(a)):		\$ 300.00	\$300.00					
SEARCH FEE (37 CFR 1.492)			\$ 300.00	\$400.00					
	(5)(1)(5)).			Ψ+00.00					
International preliminary exami	ination report or w	vritten opinion prepared	d by						
the USPTO as IPEA or ISA ar	nd favorable as to	novelty, inventive step	o, and						
industrial applicability for all cla national phase									
Transfer prides		• • • • • • • • • • • • • • • • • • • •							
International search fee (37 CF	\$ 100.00		:						
International search report pro-	vided to USPTO r	no later than the time a	t which						
the search fee is paid	•••••	•••••	\$ 400.00						
All situations not provided for a	above		\$ 500 00						
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the USPTO as IPEA or ISA ar industrial applicability for all cla	nd favorable as to	novelty, inventive step	o, and						
national phase	anns presented in	the application enterin	<b>\$ 0.00</b>						
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All situations not provided for a									
Surcharge of \$130.00 for furnis	shing the search f	ee, the examination fe	e or the oath or	\$					
declaration after the date of co	mmencement of t	ine national phase (37	CFR 1.492(n)).	-					
APPLICATION SIZE FEE	÷ 50	= +	x 250 =	<b>\$</b> .					
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fround up to next integer		1							
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MOETH EE DEI ENDENT GEA		TOTAL OF ABOVE (		\$900.00					
☐ Applicant claims small ent				\$					
reduced by ½.			•						
			SUBTOTAL =	\$900.00					
Processing fee of \$130.00 for the earliest claimed priority date.	turnishing the Eng	glish translation later th	an 30 months from	\$					
the carriest diamica priorty dat	10 (01 0110 1.402)		NATIONAL FEE =	\$900.00					
Fee for recording the enclosed	assignment (37	CFR 1.21(h)). The ass	signment must be	\$					
accompanied by an appropriat	e cover sheet (37	CFR 3.28, 3.31). <b>\$40</b>	.00 per property +						
		TOTAL FE	ES ENCLOSED =	\$900.00					
l				Amount to be					
				refunded:	\$				
a.	in the amount of	\$900.00 to cover the a	hove fees is enclosed	charged:	\$				
b. Please charge my					plicate copy of this				
sheet is enclosed.									
c.  The Commissioner	r is hereby authori	ized to charge any add	itional fees which may	be required, or credi	t any overpayment to				
Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.  d.   Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b>									
information shoul	ld not be include	d on this form. Provi	de credit card informa	tion and authorization	on PTO-2038.				
NOTE: Where an appropria	ate time limit und	der 37 CFR 1.495 has the application to p	not been met, a peti ending statu≜	tion to revive (37 CF	R 1.137(a) or (b))				
SEND ALL CORRESPONDE		approacion to p		· XXX U	$\setminus$				
OLIFF & BERRIDGE, PLC									
Customer Number:	25944			s A. Oliff					
			REGISTRATIO	ON NUMBER: 27,0	75				
Date September 21, 2006	6		NAME: Linda	M Saltiel					
255320. 21, 2000		ON NUMBER: 51,1	22						
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IAP9/Rec'd PCT/PTO 21 SEP 2006

New US Petent Application No. (it known, February) INTERNATIONAL PCT/JP2006			TION NO.	ATTORNEY'S DOCKET	ATTORNEY'S DOCKET NUMBER					
21.  The following fees are submitted	ed:		CALCULATIONS	PTO USE ONLY						
are following food and subfilled				J. LEGELATIONS						
BASIC NATIONAL FEE (37 CFR 1.492										
SEARCH FEE (37 CFR 1.492(b)(1)-(3))	:			\$400.00						
International preliminary examination rethe USPTO as IPEA or ISA and favorate										
industrial applicability for all claims pres										
national phase		••••••	\$ 0.0	00						
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA \$ 100.00										
International search report provided to USPTO no later than the time at which the search fee is paid\$ 400.00										
All cituations not provided for above			£ 500 f							
All situations not provided for above  EXAMINATION FEE (37 CFR 1.492(c)(	1)-(2))·	•••••	\$ 500.0	\$200.00						
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International preliminary examination re										
the USPTO as IPEA or ISA and favoral industrial applicability for all claims pres	ole as to novelty, ented in the appli	inventive step cation enterin	o, and no the							
national phase				00						
All situations not provided for above			\$ 200.0							
All situations not provided for above Surcharge of \$130.00 for furnishing the				\$						
declaration after the date of commencer										
APPLICATION SIZE FEE	. 50		250 =	•						
Total pages 42 - 100 =	÷ 50 = †		x 250 =	\$						
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CLAIMS NUMBER TOTAL CLAIMS 4 - 20		ER EXTRA	RATE x 50.00 =	\$ \$	T					
INDEPENDENT CLAIMS 2 - 3			x 200.00 =	\$						
MULTIPLE DEPENDENT CLAIM(S)(if a	pplicable)		+ 360.00 =	\$						
			CALCULATIONS							
Applicant claims small entity status reduced by ½.	See 37 CFR 1.2	27. The fees	indicated above ar	e   \$						
			SUBTOTAL	= \$900.00						
Processing fee of \$130.00 for furnishing the earliest claimed priority date (37 CF	the English trans	slation later th	nan 30 months fron	ո \$						
the earnest claimed priority date (37 CF	( 1.492(1)).	TOTAL	NATIONAL FEE	= \$900.00						
Fee for recording the enclosed assignm		(h)). The ass	signment must be	\$						
accompanied by an appropriate cover s	neet (37 CFR 3.2			+						
		TOTAL FI	EES ENCLOSED		<del> </del>					
				Amount to be refunded:	\$					
				charged:	\$					
a.   Check No. 184445 in the am										
b. Please charge my Deposit A sheet is enclosed.	ccount No	_ in the amou	int of \$ to co	ver the above fees. A d	uplicate copy of this					
c.										
d. Fees are to be charged to a information should not be	credit card. WAI included on this	RNING: Infor form. Provi	mation on this forn ide credit card info	n may become public. <b>C</b> mation and authorizatio	redit card n on PTO-2038.					
NOTE: Where an appropriate time I	mit under 37 CF	P 1 405 has	not been met a r	notition to revive 127 C	FB-4 137(a) or (b)\					
must be filed and granted to	restore the app	lication to p	ending status.							
SEND ALL CORRESPONDENCE TO			$\mathcal{A}$	mac / // L						
OLIFF & BERRIDGE, PLC Customer Number: 25944  NAME: James A. Oliff										
REGISTRATION NUMBER: 27,075										
Date <u>September 21, 2006</u>	Date <u>September 21, 2006</u> NAME: Linda M. Saltiel  REGISTRATION NUMBER: 51,122									
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